

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No. **RGP-0122**

In Re Application: **Marali Sethumadhaven et al.**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/663,375	September 16, 2003	C. Lam	23413	1775	1622

Title: **LIQUID CRYSTALLINE POLYMER COMPOSITES, METHOD OF MANUFACTURE THEREOF, AND ARTICLES FORMED THEREFROM**

**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

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- ☒ The Director is hereby authorized to charge and credit Deposit Account No. **06-1130** as described below.
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January 19, 2005

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(Date)

*Sonia Mancini*  
Signature of Person Mailing Correspondence

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**\*This certificate may only be used if paying by deposit account.**

*Leah M. Reimer*  
Signature

**Leah M. Reimer**  
**Registration No. 39,341**  
**Customer No. 23413**  
**(860) 286-2929**

Dated: **January 19, 2005**

CC:

<b>TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT</b> <b>(Under 37 CFR 1.97(b) or 1.97(c))</b>					Docket No. <b>RGP-0122</b>	
In Re Application Of: <b>Marali Sethumadhaven et al.</b>						
Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.	
10/663,375	September 16, 2003	C. Lam	23413	1775	1622	
Title: <b>LIQUID CRYSTALLINE POLYMER COMPOSITES, METHOD OF MANUFACTURE THEREOF, AND ARTICLES FORMED THEREFROM</b>						
Address to: <b>Commissioner for Patents</b> <b>P.O. Box 1450</b> <b>Alexandria, VA 22313-1450</b>						
<b>37 CFR 1.97(b)</b>						
1. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.						
<b>37 CFR 1.97(c)</b>						
2. <input checked="" type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:						
<div style="margin-left: 40px;"> <input type="checkbox"/>   the statement specified in 37 CFR 1.97(e); </div>						
<b>OR</b>						
<div style="margin-left: 40px;"> <input checked="" type="checkbox"/>   the fee set forth in 37 CFR 1.17(p). </div>						

RGP-0122



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Murali Sethumadhavan, et al. )  
Serial No.: 10/663,375 ) Group Art Unit: 1775  
Filing Date: 09/16/2003 ) Examiner: Lam, Cathy  
For: LIQUID CRYSTALLINE POLYMER )  
COMPOSITES, METHOD OF MANUFACTURE )  
THEREOF, AND ARTICLES FORMED )  
THEREFROM )

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §§ 1.56, 1.97 AND 1.98**

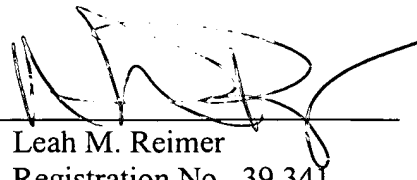
Sir:

In compliance with the duty to disclose, submitted herewith is form PTO-A820 (PTO-1449) listing publication(s) of which those designated by 37 CFR § 1.56 are aware. Copies of the non-United States patents or published applications are enclosed.

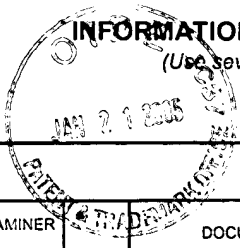
The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made, or an admission that the information cited is, or is considered to be, material to patentability.

Respectfully submitted,

CANTOR COLBURN LLP

By:   
Leah M. Reimer  
Registration No. 39,341

Date: January 19, 2005  
Customer No.: 23413  
Telephone: (860) 286-2929

 <b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)				ATTY DOCKET NO. <b>RGP-0122</b>		APPLICATION NO. <b>10/663,375</b>		
				APPLICANT(S) <b>Sethumadhaven et al.</b>				
				FILING DATE <b>September 16, 2003</b>		GROUP ART UNIT <b>1775</b>		
<b>U.S. PATENT DOCUMENTS</b>								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	1	3,240,662	03/15/1966	Smyers et al.			01/23/1961	
	2	3,526,568	09/01/1970	Kepple et al.			06/11/1969	
	3	4,737,398	04/12/1988	Ikenaga et al.	428	216	11/26/1985	
	4	4,871,595	10/03/1989	Lusignea et al.	428	1	12/16/1986	
	5	4,963,428	10/16/1990	Harvey et al.	428	220	06/13/1988	
<b>U.S. PATENT APPLICATION PUBLICATIONS</b>								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<b>FOREIGN PATENT DOCUMENTS</b>								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	6	JP 2001-244630	07.09.2001	Japan			✓	
	7	JP 11309803	09.11.1999	Japan				✓
	8	EP 0949067 A2	13.10.1999	Europe				✓
	9	EP 0740013 A1	30.10.1996	Europe				✓
	10	CA 2273542	23.12.1999	Canada				✓
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
		11	Japanese Patent Application No. JP11309803; Publication Date: 1999-11-09; Abstract Only; 1 page					
		12	"Rogers ZYVEX Liquid Crystalline Polymer Circuit Material", Rogers Corporation, Data Sheet, February 27, 2002, 2 pages					
EXAMINER				DATE CONSIDERED				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>	ATTY DOCKET NO. <b>RGP-0122</b>	APPLICATION NO. <b>10/663,375</b>
	Sethumadhaven et al.	
	FILING <b>September 16, 2003</b>	GROUP ART <b>1775</b>

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	13	4,966,806	10/30/1990	Lusigne et al.	428	220	06/14/1988
	14	5,164,458	11/17/1992	Jennings et al.	525	389	09/28/1989
	15	5,288,529	02/22/1994	Harvey et al.	428	1	12/12/1991
	16	5,360,647	11/01/1994	Sumida	428	1	05/28/1992
	17	5,360,672	11/01/1994	Saito et al.	428	480	04/08/1992

**U.S. PATENT APPLICATION PUBLICATIONS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

		18	"Vectra, Liquid Crystal Polymer (LCP)", Ticona Product Brochure, 20 pages

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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<b>U.S. PATENT DOCUMENTS</b>								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	19	5,571,608	11/05/1996	Swamy	428	246	09/05/1995	
	20	5,571,609	11/05/1996	St. Lawrence et al.	428	268	10/13/1994	
	21	5,709,957	01/20/1998	Chiang et al.	428	615	09/16/1996	
	22	5,900,292	05/04/1999	Moriya	428	1	07/11/1997	
	23	5,904,797	05/18/1999	Kwei	156	307.3	07/22/1997	
<b>U.S. PATENT APPLICATION PUBLICATIONS</b>								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<b>FOREIGN PATENT DOCUMENTS</b>								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
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<b>EXAMINER</b>				<b>DATE CONSIDERED</b>				
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<b>U.S. PATENT DOCUMENTS</b>								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	24	6,124,004	09/26/2000	Furuta et al.	428	1.1	03/19/1998	
	25	6,140,410	10/31/2000	Kolouch	524	520	07/13/1998	
	26	6,166,138	12/26/2000	Kolouch	525	166	07/13/1998	
	27	US 6,287,702 B1	09/11/2001	Kolouch	428	463	03/23/2000	
	28	US 6,312,814 B1	11/06/2001	Kolouch	428	421	07/13/1998	
<b>U.S. PATENT APPLICATION PUBLICATIONS</b>								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<b>FOREIGN PATENT DOCUMENTS</b>								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
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<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	29	U'S 6,593,255 B1	07/15/2003	Lawton et al.	442	59	11/03/2000
<b>U.S. PATENT APPLICATION PUBLICATIONS</b>							
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES      NO
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